

Title (en)

AMORPHOUS ALKALI METAL SILICATE, PROCESS AND USES.

Title (de)

AMORPHES ALKALI METALLSILIKAT, VERFAHREN UND ANWENDUNGEN.

Title (fr)

SILICATE DE METAL ALCALIN AMORPHE, PROCEDE DE PREPARATION ET UTILISATIONS.

Publication

EP 0665815 A1 19950809 (EN)

Application

EP 94925980 A 19940816

Priority

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- US 10988593 A 19930823

Abstract (en)

[origin: WO9506003A1] A particulate amorphous alkali metal silicate is prepared by heating a mixture of silicate glass and water or aqueous solution to a temperature of about 300 to 400 DEG C to provide a foamed material that is easily formed into particles of less than about 20 microns. After careful hydration, a product having 0.5 to 15 % water based on loss of ignition (LOI) of product at 800 DEG C is produced that controls the activity of magnesium in solution and is, therefore, a useful detergent ingredient.

IPC 1-7

C01B 33/32; C11D 3/12

IPC 8 full level

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